

Woodward-Clyde Consultants



Environmental and Engineering Consultants

December 3, 1993
C3M11Q

Mr. Brad Bradley
U.S. Environmental Protection Agency
Region V, 5HS-11
77 West Jackson, 6th Floor
Chicago, IL 60604-3590

Dear Brad,

At your request, we have identified residential properties sampled by W-C as part of the PDFI Supplemental Investigation that have soil lead concentrations greater than 1,500 ppm. The attached table identifies these properties and provides a brief explanation of the analytical results. Since the analytical testing and data validation for the supplemental investigation are still in progress, only a partial list of the properties containing high soil lead concentrations can be provided. When the remaining results are available, we will identify any additional properties that meet this criteria and forward the list to you. This list does not include any of the sampling results conducted in the Venice or Eagle Park alleys.

If you have any questions concerning any material included in this letter, please feel free to call.

Very truly yours,

Cynthia Pavelka, P.E.
Assistant Project Engineer

Very truly yours,

David L. Pate
Project Geologist

Enclosure

cc: Eugene Liu (USACE)

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**Table 1
RESIDENTIAL PROPERTIES WITH
SOIL LEAD CONCENTRATIONS ABOVE 1,500 PPM**

<u>Residential Property</u>	<u>Analytical Results Information</u>	<u>Comment</u>
123 Booker - Eagle Park Acres	Seven samples had lead concentration above 1,500 ppm with a maximum of 24,500 ppm; All samples above 500 ppm; Eight total samples taken; Battery casing material in driveway	access obtained
104 Carver - Eagle Park Acres	Six samples had lead concentration above 1,500 ppm with a maximum of 26,300 ppm; Only two samples had lead concentration below 500 ppm; Fourteen total samples taken; Battery casing material in driveway	access obtained
212 Carver - Eagle Park Acres	Boring 4, Depth 0-3 in., Total Lead = 1,990 ppm; No other samples contained lead concentration above 500 ppm; Four total samples taken	acce. obtained
209 Hill - Eagle Park Acres	Boring 2, Depth 0-3 in., Total Lead = 1,690 ppm; No other samples contained lead concentrations above 500 ppm; Five total samples taken	access obtained
211 Hill - Eagle Park Acres	Boring 4, Depth 0-6 in., Total Lead = 1,800 ppm; Two other samples contained lead levels above 500 ppm; Eight total samples taken	access obtained
204 Terry - Eagle Park Acres	Boring 1, Depth 3-6 in., Total Lead = 2,740 ppm; Boring 3, Depth 1-2 ft, Total Lead = 4,600 ppm; One other sample contained lead concentration above 500 ppm; Four total samples taken	<u>NO</u> <u>ref</u> - con not on surface
210 Watson - Eagle Park Acres	Boring 2, Depth 0-3 in., Total Lead - 23,000 ppm; Boring 3, Depth 0-3 in., Total Lead - 1,600 ppm; One other sample contained lead concentration above 500 ppm; Four total samples taken; Battery casing material around the foundation of the house	
214 Watson - Eagle Park Acres	Boring 4, Depth 0-3 in., Total Lead = 2,120 ppm; No other samples with lead levels above 500 ppm; Three total samples taken	access obtained

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**Table 1 (continued)
RESIDENTIAL PROPERTIES WITH
SOIL LEAD CONCENTRATIONS ABOVE 1,500 PPM**

<u>Residential Property</u>	<u>Analytical Results Information</u>	<u>Comment</u>
1717 State St., Granite City	Boring 1, Depth 0-3 in., Total Lead = 9,770 ppm; Boring 1, Depth 3-6 in., Total Lead = 896 ppm; Other samples less than 500 ppm	talk to resident
1638 State St, Granite City	Boring 1, Depth 0-3 in., Total Lead = 2,050 ppm; All samples above 500 ppm except for Boring 2, Depths 3-6 in. and 6-12 in.	"
907 Grand Ave., Madison	Boring 2, Depth 0-3 in., Total Lead = 1,990 ppm; Boring 2 samples > 500 ppm; Boring 1 samples < 500 ppm	"
919 Iowa Ave., Madison	Boring 2, Depth 0-3 in., Total Lead = 2,030 ppm; Boring 2 samples > 500 ppm; Boring 1 samples < 500 ppm	"
1329 Madison Ave., Madison	Boring 2, Depth 3-6 in., Total Lead = 1,763 ppm; Depth 0-3 in., Total Lead < 500; Depth 6-12 in., Total Lead > 500 ppm; No Front Yard - Boring 1 not sampled	"
1342 State St., Madison	Boring 2, Depths 0-3 in. and 3-6 in., Total Lead = 2,100 ppm and 3,200 ppm, respectively; Depth 6-12 in. > 500 ppm; No Front Yard - Boring 1 not sampled	clean to 12"